

TERRAFORM

DevOps - Automation

- ❖ Full Automation
- ❖ CI / CD
- ❖ Infra As Code
- ❖ Versions Crontrrol

Terraform : Quelques mots

- ❖ Started in 2014
- ❖ Created by HashiCorp
- ❖ Open Source
- ❖ Code in HCL

Terraform Original Goal

❖ BUILD

❖ CHANGE

❖ VERSION CONTROL



INFRASTRUCTURE

Building Infra

- ❖ Compatibility to multiple providers
(AWS, Openstack, Azure)
- ❖ Ensure CREATION & CONSISTENCY

Changing Infra

- ❖ Apply changes
- ❖ Destroy as a Service
- ❖ Check changes

Control Version

❖ Use a STATE file

Terraform Concept

❖ Variable

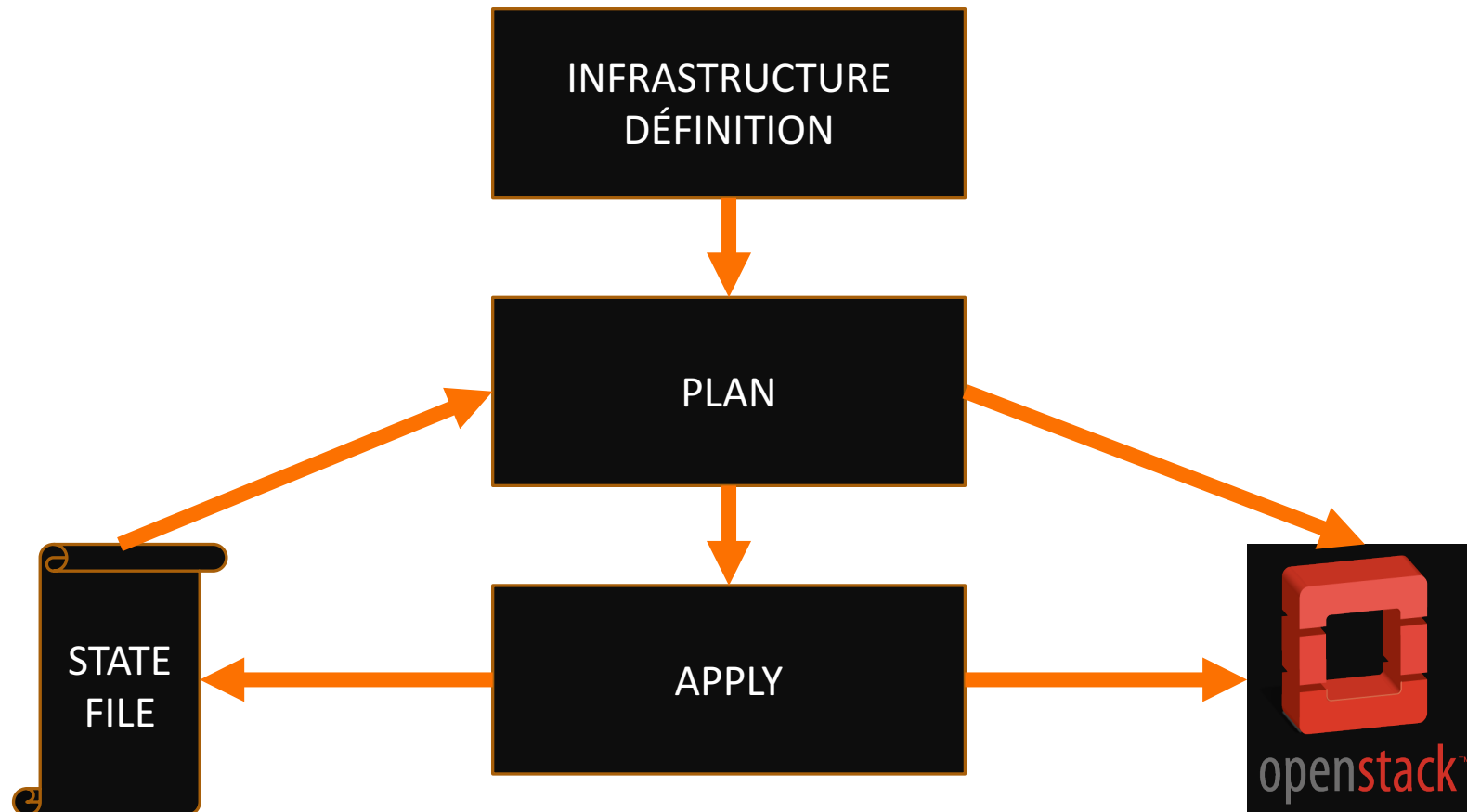
❖ Providers

❖ Plan

❖ Apply

❖ Destroy

How it work ?



For more :

❖ <https://www.terraform.io>

❖ Orange Labs DevOps Store / Piazza 😊

❖ tsaussac.ext@orange.com